

JUN 29 2010

Patent Application Serial No. 10/540,275

AMENDMENTS TO THE CLAIMS:

1. (currently amended): A vehicle antitheft ~~device~~ system mounted to a vehicle, the system comprising: ~~equipped with~~

a remote start device ~~for starting to remotely start~~ an engine, further comprising ~~[[when]]~~
a start signal ~~radio-transmitted from a predetermined~~ radio-transmitter is received by ~~and an~~
in-vehicle radio-receiver; ~~;~~ comprising:

a vehicle anti-theft device operatively coupled to
the remote start device,
a starter-motor relay,
a sensor to detect attempted theft of the vehicle; and
~~preventing means for preventing the vehicle from being thieved in accordance with a plurality of~~
~~theft modes, respectively; and partly stopping~~

logic means for disabling the anti-theft device as a function of sensor outputs from the
sensor stopping a theft preventing function corresponding to a part of the theft modes before an
~~engine start by said remote start device is started~~ when said start signal is received by said
in-vehicle radio-receiver.

2. (currently amended): The vehicle antitheft ~~device~~ system as claimed in claim 1,
~~wherein the vehicle is equipped with~~ comprising

a remote stop device that stops the engine when a stop signal radio-transmitted from ~~said~~
~~predetermined~~ a stop-signal radio-transmitter is received by said in-vehicle radio-receiver, and
~~the vehicle antitheft device is equipped with restoring~~

Patent Application Serial No. 10/540,275

logic means for restoring the antitheft device function corresponding to said part of the theft modes after an engine stop by said remote stop device is performed when said stop signal is received by said in-vehicle radio-receiver.

3. (currently amended): The vehicle antitheft device system as claimed in claim 1, wherein ~~[[the]]~~ an antitheft function stopped by said ~~partly stopping means~~ logic means for disabling the anti-theft device is a function to give warning ~~[[when]]~~ upon detection ~~is made~~ that an ignition is turned on, in a state where a key is not inserted in an ignition key cylinder of the vehicle.

4. (currently amended): A vehicle antitheft device system mounted to a vehicle, the system comprising: equipped with
a remote start device ~~for starting to remotely start~~ an engine, further comprising ~~[[when]]~~
a start signal ~~radio-transmitted from a predetermined~~ radio-transmitter is received by and an in-vehicle radio-receiver; , comprising:

a vehicle anti-theft device operatively coupled to

the remote start device,

a starter-motor relay,

a sensor to detect attempted theft of the vehicle; and

~~preventing means for preventing the vehicle from being thieved in accordance with a plurality of theft modes, respectively, and partly stopping means for stopping~~

logic means for disabling the anti-theft device as a function of sensor outputs from the sensor for a predetermined time period after an occurrence of the attempted theft of the vehicle.

Patent Application Serial No. 10/540,275

~~theft according to a part of the theft modes is detected for at least a first time, an antitheft function corresponding to the part of the theft modes for a predetermined time period.~~

5. (currently amended): The vehicle antitheft device system as claimed in claim 4, wherein ~~[[the]]~~ an antitheft function stopped by said ~~partly stopping logic~~ means for disabling the anti-theft device is a function to give warning ~~[[when]]~~ upon detection ~~is made~~ that an ignition is turned on, in a state where a key is not inserted in an ignition key cylinder of the vehicle.

6. (currently amended): A control method of a vehicle equipped with a remote start device for starting ~~[[an]]~~ a vehicle engine when a start signal radio-transmitted from a ~~predetermined radio-transmitter~~ is received by an in-vehicle radio-receiver and an antitheft device for preventing theft of the vehicle, ~~in accordance with a plurality of theft modes,~~ respectively, the method comprising:

a first step of stopping a theft preventing function ~~corresponding to a part of the theft modes~~ by said antitheft device when said start signal is received by said in-vehicle radio-receiver; and

a second step of starting ~~[[an]]~~ the vehicle engine ~~[[start]]~~ by said remote start device after the antitheft function ~~corresponding to the part of the theft modes~~ is stopped by said antitheft device.

7. (currently amended): The control method as claimed in claim 6, wherein

Patent Application Serial No. 10/540,275

said vehicle is equipped with a remote stop device that stops the engine when a stop signal radio-transmitted from said ~~predetermined~~ radio-transmitter is received by said in-vehicle radio-receiver, and the control method includes:

a third step of performing an engine stop by said remote stop device when said stop signal is received by said in-vehicle receiver; and

a fourth step of restoring the antitheft function corresponding to said part of the theft modes by said antitheft device after an engine stop by said remote stop device is performed by said third step.

8. (new): The vehicle antitheft system as claimed in claim 1, wherein the sensor includes at least one of an inserted ignition-key sensor, a door-open sensor, and a hood-open sensor.

9. (new): The vehicle antitheft system as claimed in claim 8, wherein the anti-theft device detects at least one of theft modes consisting of:

unlocking a vehicle door or a luggage door without inserting an ignition key into an ignition key cylinder and without completing code collation between a wireless door locking/unlocking device and a portable device;

opening any door or the vehicle bonnet that is locked; and

activating an ignition relay when the ignition key is not inserted in the ignition key cylinder.

10. (new): The vehicle antitheft system as claimed in claim 4, wherein the sensor includes at least one of an inserted ignition-key sensor, a door-open sensor, and a hood-open sensor.

Patent Application Serial No. 10/540,275

11. (new): The vehicle antitheft system as claimed in claim 10, wherein the anti-theft device detects at least one of theft modes consisting of:

unlocking a vehicle door or a luggage door without inserting an ignition key into an ignition key cylinder and without completing code collation between a wireless door locking/unlocking device and a portable device;

opening any door or the vehicle bonnet that is locked; and

activating an ignition relay when the ignition key is not inserted in the ignition key cylinder.